

## CLAIMS

- Sub. a1
1. A golf club head comprising a face for hitting a golf ball, a crown, a sole, a sidewall extending from the periphery of the sole towards the crown excluding the face, and a neck to be fixed to a shaft, and formed by welding together a face member for forming the face, a crown member for forming the crown and a walled sole member for forming at least the sole and the wall, the walled sole member made by monoblock casting, and the face member and the crown member each made by plastic deformation processing.
  2. The golf club head according to claim 1, wherein the neck is formed by the walled sole member whereby the sole, sidewall and neck are formed as a monoblock casting.
  3. The golf club head according to claim 1, wherein the neck is formed by a neck member, and the neck member, face member, crown member and walled sole member are welded together.
  4. The golf club head according to claim 1, wherein the volume of the head is not less than  $250 \text{ cm}^3$ .
  5. The golf club head according to claim 2, wherein the volume of the head is not less than  $250 \text{ cm}^3$ , and the face member, crown member and walled sole member each have a specific gravity of not more than 5.0.
  6. The golf club head according to claim 3, wherein the volume of the head is not less than  $250 \text{ cm}^3$ , and the face member, crown member, walled sole member and neck member each have a specific gravity of not more than 5.0.
  7. The golf club head according to any of the preceding claims, wherein the monoblock casting is a lost-wax process.

8. The golf club head according to any of the preceding claims,  
wherein

the plastic deformation processing is a press forming of a  
rolled sheet metal.

9. The golf club head according to claim 1, wherein  
the volume of the head is not less than  $300 \text{ cm}^3$ .

10. The golf club head according to claim 1, wherein  
a sweet spot height is not more than 28.0 mm.

11. The golf club head according to claim 1, wherein  
a depth of the center of gravity is not less than 36.0 mm.

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